

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB2005/001055

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J35/04 B01J37/02 B01D53/94

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08, 5 August 2002 (2002-08-05) & JP 2002 095968 A (TOYOTA MOTOR CORP), 2 April 2002 (2002-04-02) cited in the application abstract	1-3
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2003 260353 A (NGK INSULATORS LTD), 16 September 2003 (2003-09-16) cited in the application abstract	1-3

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

2 August 2005

Date of mailing of the international search report

08/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/004455 A1 (NAKANISHI TOMOHIKO ET AL) 10 January 2002 (2002-01-10) claim 1; examples -----	1-3
A	EP 1 078 678 A (MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA) 28 February 2001 (2001-02-28) paragraph '0010! - paragraph '0015!; claim 1 -----	1-3
A	EP 0 730 901 A (TOYOTA JIDOSHA KABUSHIKI KAISHA) 11 September 1996 (1996-09-11) the whole document -----	1-3

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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